

MR2863-154

Serial Number: 10/791,882

Reply to Office Action dated 2 December 2005

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listing of claims in the application:

LISTING OF CLAIMS:

1. (Currently amended) An anti-vibration platform for supporting a semiconductor equipment thereon, comprising:

a plurality of top ball couplings, each of which having a truncated top, said top couplings being provided at a spherical surface with a plurality of internally threaded holes, and at said truncated top with at least one internally threaded hole;

a plurality of bottom ball couplings, each of which being provided at a spherical surface with a plurality of internally threaded holes;

a plurality of rigid connecting bars, each of which including a barred body having two externally threaded rods provided at two free ends thereof; said rigid connecting bar being adapted to connect at said two free ends to two said bottom ball couplings, two said top ball couplings, or one said bottom and one said top ball coupling by screwing said externally threaded rods into said internally threaded holes on the spherical surfaces of said ball couplings; and

a plurality of vertical supports, each of which including a steel pipe and two

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externally threaded rods provided at two free ends of said steel pipe; and
said vertical support being adapted to extend between two vertically
corresponding top and bottom ball couplings by screwing said externally
threaded rods into said internally threaded holes provided on the spherical
surfaces of said ball couplings;

said platform being covered at a bottom and all four sides thereof with steel
plates, and the sides of said platform adjacent to a concrete foundation of
said platform being provided with externally threaded rods that are
extended from said top and said bottom ball couplings adjacent to the
concrete foundation through said steel plates into said concrete
foundation.

2. (Cancelled).

3. (Currently amended) ~~The~~ An anti-vibration platform as claimed in claim 1,
further comprising for supporting a semiconductor equipment thereon,
comprising:
a plurality of top ball couplings, each of which having a truncated top, said
top couplings being provided at a spherical surface with a plurality of
internally threaded holes, and at said truncated top with at least one
internally threaded hole;

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a plurality of bottom ball couplings, each of which being provided at a

spherical surface with a plurality of internally threaded holes;

a plurality of rigid connecting bars, each of which including a barred body

having two externally threaded rods provided at two free ends thereof;

said rigid connecting bar being adapted to connect at said two free ends to

two said bottom ball couplings, two said top ball couplings, or one said

bottom and one said top ball coupling by screwing said externally

threaded rods into said internally threaded holes on the spherical surfaces

of said ball couplings;

a plurality of vertical supports, each of which including a steel pipe and two

externally threaded rods provided at two free ends of said steel pipe; and said

vertical support being adapted to extend between two vertically

corresponding top and bottom ball couplings by screwing said externally

threaded rods into said internally threaded holes provided on the spherical

surfaces of said ball couplings; and

a flat bed positioned on a top of said platform, said flat bed being provided at

predetermined positions with a plurality of externally threaded rods for

screwing into said at least one internally threaded hole on each of said

truncated tops of said top ball couplings.

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4. (Currently amended) The ~~An~~ anti-vibration platform as claimed in claim 1,
further comprising for supporting a semiconductor equipment thereon,
comprising:
a plurality of top ball couplings, each of which having a truncated top, said
top couplings being provided at a spherical surface with a plurality of
internally threaded holes, and at said truncated top with at least one
internally threaded hole;
a plurality of bottom ball couplings, each of which being provided at a
spherical surface with a plurality of internally threaded holes;
a plurality of rigid connecting bars, each of which including a barred body
having two externally threaded rods provided at two free ends thereof;
said rigid connecting bar being adapted to connect at said two free ends to
two said bottom ball couplings, two said top ball couplings, or one said
bottom and one said top ball coupling by screwing said externally
threaded rods into said internally threaded holes on the spherical surfaces
of said ball couplings;
a plurality of vertical supports, each of which including a steel pipe and two
externally threaded rods provided at two free ends of said steel pipe; and said
vertical support being adapted to extend between two vertically
corresponding top and bottom ball couplings by screwing said externally
threaded rods into said internally threaded holes provided on the spherical

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surfaces of said ball couplings; and

an anti-vibration and pressure-resistant elastomeric material applied on the

bottom of said platform to wrap all screwed and/or welded joints of said

bottom ball couplings, said rigid connecting bars, and said vertical supports.